

Teaching Experience:

Eighteen years of teaching in ABET accredited programs

Graduate courses in Electromagnetics, Antennas and Propagation, Digital Communications, Analysis of Random Processes

Other Experience:**Advising**

Directed 26 MSEE students in thesis research, focusing on antenna development, electromagnetic and communications.

Patents

- One patent applications submitted for wearable conformal antenna
- One patent to be issued, for Wideband Communications antenna
- One patent application in preparation for a wearable conformal antenna (Wearable HF Antenna for use with man-portable radios).
- Three additional patents in preparation for: Ultrawideband antenna for vehicle applications, Ultrawideband antenna for aircraft applications, Wideband Communications antenna.

Consulting

- Electromagnetic Software Development and Use for Antenna Performance Prediction, C⁴ Organization, *Singapore Defence Ministry*, Singapore, 1998 – present
- Absorbing Boundary Conditions for FD-TD Modelling of Electromagnetic Wave Interaction with Plasma, *Mission Research Corporation*, Monterey, CA, 1995-96